**Problem of the Week #2 Q3**

Due 1/13/11 by 3:15 PM

Turn in a quick explanation to the Math Office or email to 13mmistele@ransomeverglades.org. Check the “Potentates” board on the Math Team board during the week to see who else has gotten it!

The name of the game is ***Petals Around the Rose***.

The name of the game is important.

Find someone who knows the rule of the game, and they’ll ask you to guess the score for a roll of 5 dice. The score will always be zero or an even number.



Your mission is to work out how rolls are scored and become a “*Potentate of the Rose”*.

If you succeed, however, ***you must pledge to never divulge the secret of the game to anyone else***. Only those that can work it out for themselves should know the secret of Petals Around the Rose.

Rumor has it, the longer it takes you to figure out, the cleverer you are – apparently it took Bill Gates weeks to solve. Happy head-scratching!